

## Activity 5

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C:\Users\Joshua>docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
b4d181a07f80: Pull complete
4b72f5187e6e: Pull complete
12b2c44d04b2: Pull complete
ef481fc2a03a: Pull complete
d483d945fcab: Pull complete
Digest: sha256:3b85095d8cac6a62357b4944497ca8ea4198e210425fa7a3ccfe144089f1b12d
Status: Downloaded newer image for httpd:2.4
2f0b6a7d9da82cfd92582816d3e4a90d9b96a3beb35103d2fd5ffeb1308fce8c

C:\Users\Joshua>curl localhost
<html><body><h1>It works!</h1></body></html>

C:\Users\Joshua>docker cp index.html apache:/usr/local/apache2/htdocs/
CreateFile C:\Users\Joshua\index.html: The system cannot find the file specified.

C:\Users\Joshua>cd C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker cp index.html apache:/usr/local/apache2/htdocs/

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER      VOLUME NAME
local       ac71f060811ef6323d83bebd95aa41f2c7e556b94209e14bbad15101b6d3d8fa

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume create myvolume
myvolume

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER      VOLUME NAME
local       ac71f060811ef6323d83bebd95aa41f2c7e556b94209e14bbad15101b6d3d8fa
local       myvolume

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume rm myvolume
myvolume

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER      VOLUME NAME
local       ac71f060811ef6323d83bebd95aa41f2c7e556b94209e14bbad15101b6d3d8fa

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker volume create httpd_htdocs
httpd_htdocs

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
72a36965441d969a6d958406f66811781fb7fbcf91e2e17b88f93c31f63e6e90

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker cp index.html apache:/usr/local/apache2/htdocs/

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
2af4ee48c50bd06d22cfcae6a4e82326cd71a36547b6dff55d6304604891467

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes:/usr/local/apach
e2/htdocs/ httpd:2.4
22c9252c84eaa1549a8e9acf9cf3e4528d8166f76aca3d488757e61045bf837a

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

C:\Users\Joshua\Documents\GitHub\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache
```